Fig. 1

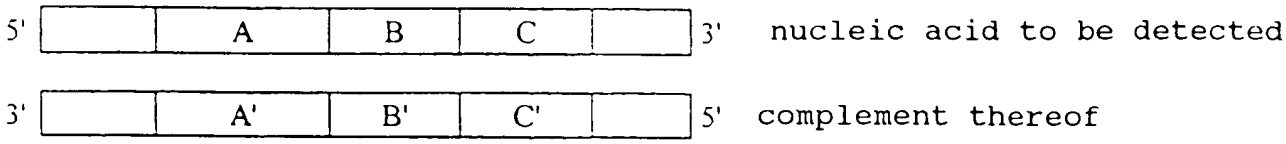

5'
A
B
C
3'
nucleic acid to be detected
3'
A'
B'
C'
5'
complement thereof

Fig. 2

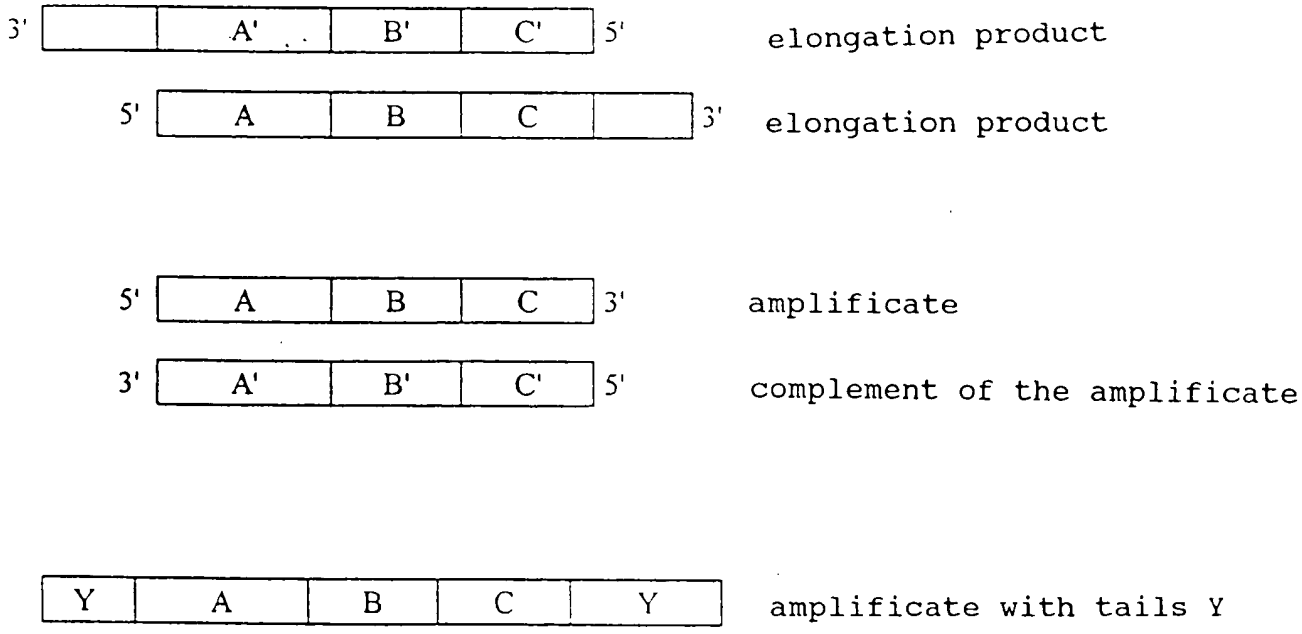

3'
A'
B'
C'
5'
elongation product
5'
A
B
C
3'
elongation product
5'
A
B
C
3'
amplificate
3'
A'
B'
C'
5'
complement of the amplificate
Y
A
B
C
Y
amplificate with tails Y

Fig. 3

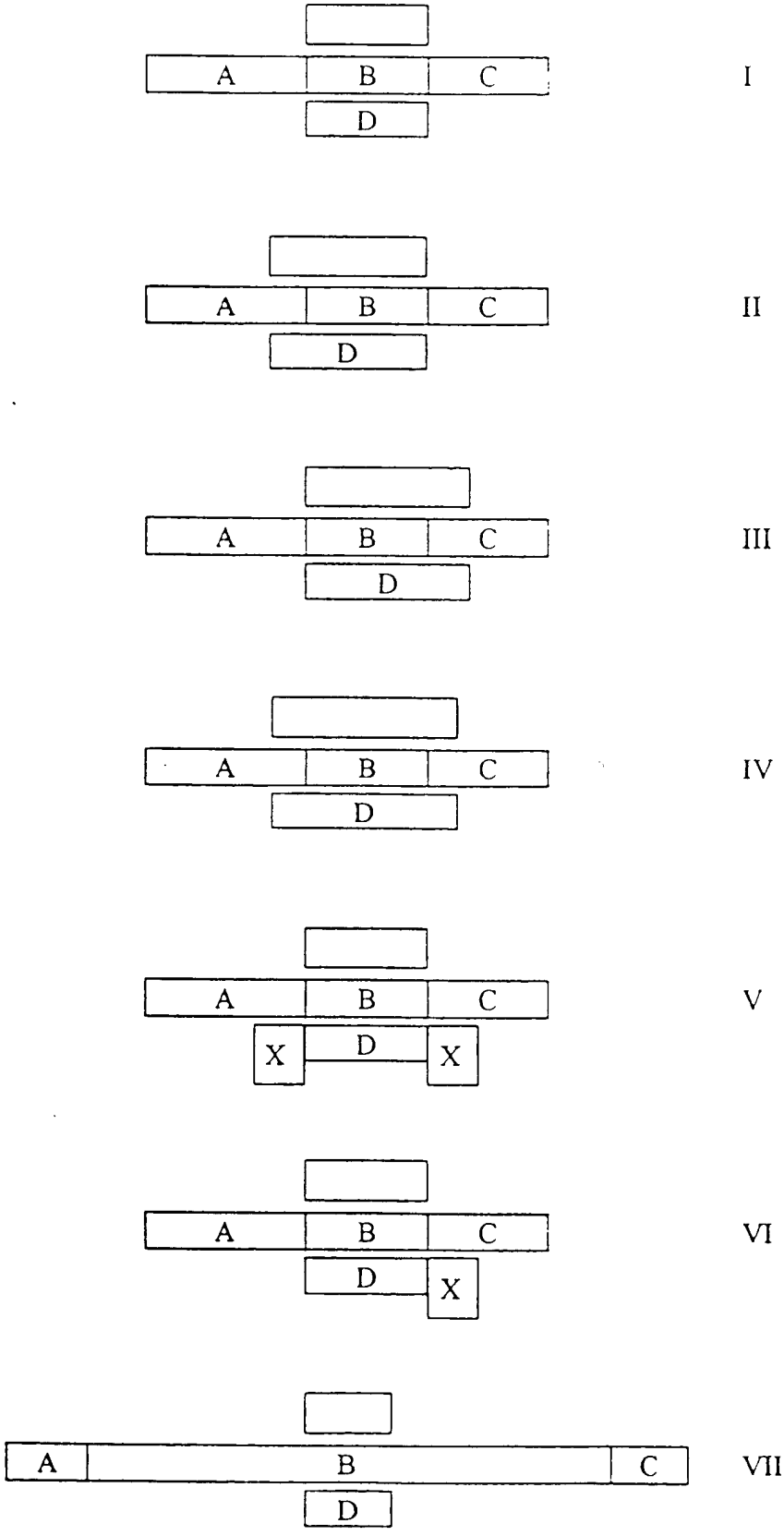


Fig. 4

HCV AGTATGAGTGTCGTGCAGCCTCCAGGACCCCCCCTCCCGGGAGAGCCA

HUMAN AGTATGTGTGTCGTGCAGCCTCCAGGACCCCCACTCCCGGGAGAGCCA

Fig. 7

HCV:
5'-GTACTGCCTG ATAGGGTGCT TGCGAGTGCC CCGGGAGGTC TCGTAGACCG TGCACCATG-3'

HGBV-B:
5'- GTACTGCCTG ATAGGGTCCT TGCGAGGGGA TCTGGGAGTC TCGTAGACCG TAGCACATG-3'

FIG 5

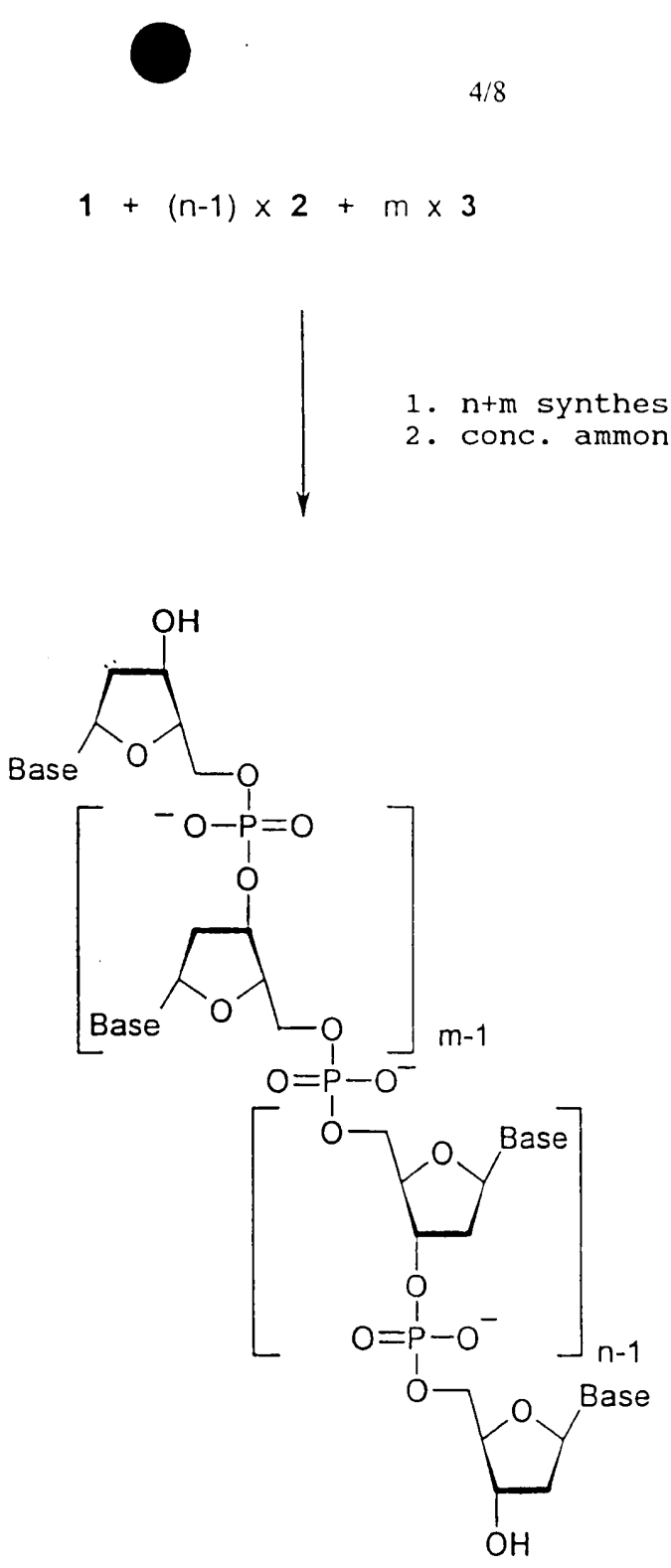
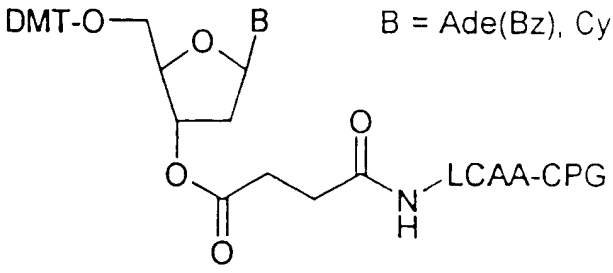
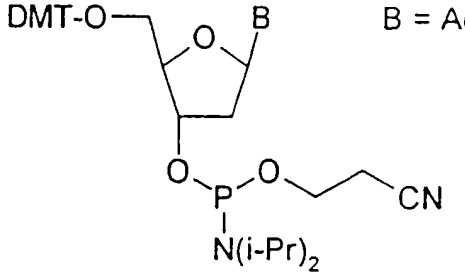

1 + (n-1) x 2 + m x 3
1. n+m synthesis cycles
2. conc. ammonia
OH
Base
O
O
⁻O–P=O
O
Base
O
O
m-1
O=P–O⁻
O
O
Base
O
O
O=P–O⁻
n-1
O
Base
O
OH

FIG 6



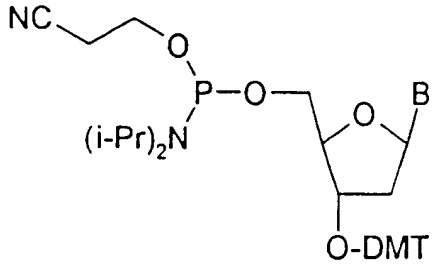

B = Ade(Bz), Cyt(Bz), Gua(i-Bu), Thy

1




B = Ade(Bz), Cyt(Bz), Gua(i-Bu), Thy

2




B = Ade(Bz), Cyt(Bz), Gua(i-Bu), Thy

3

FIG 8

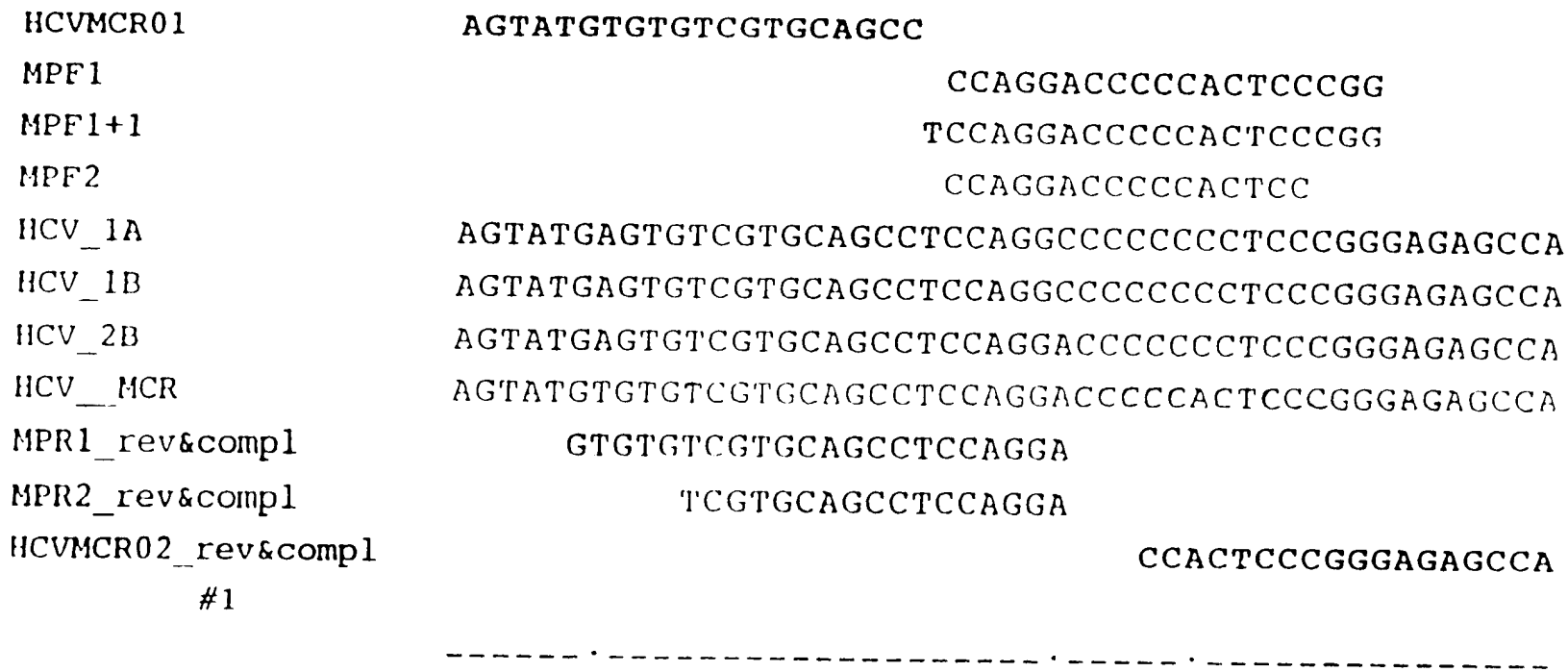


FIG 9

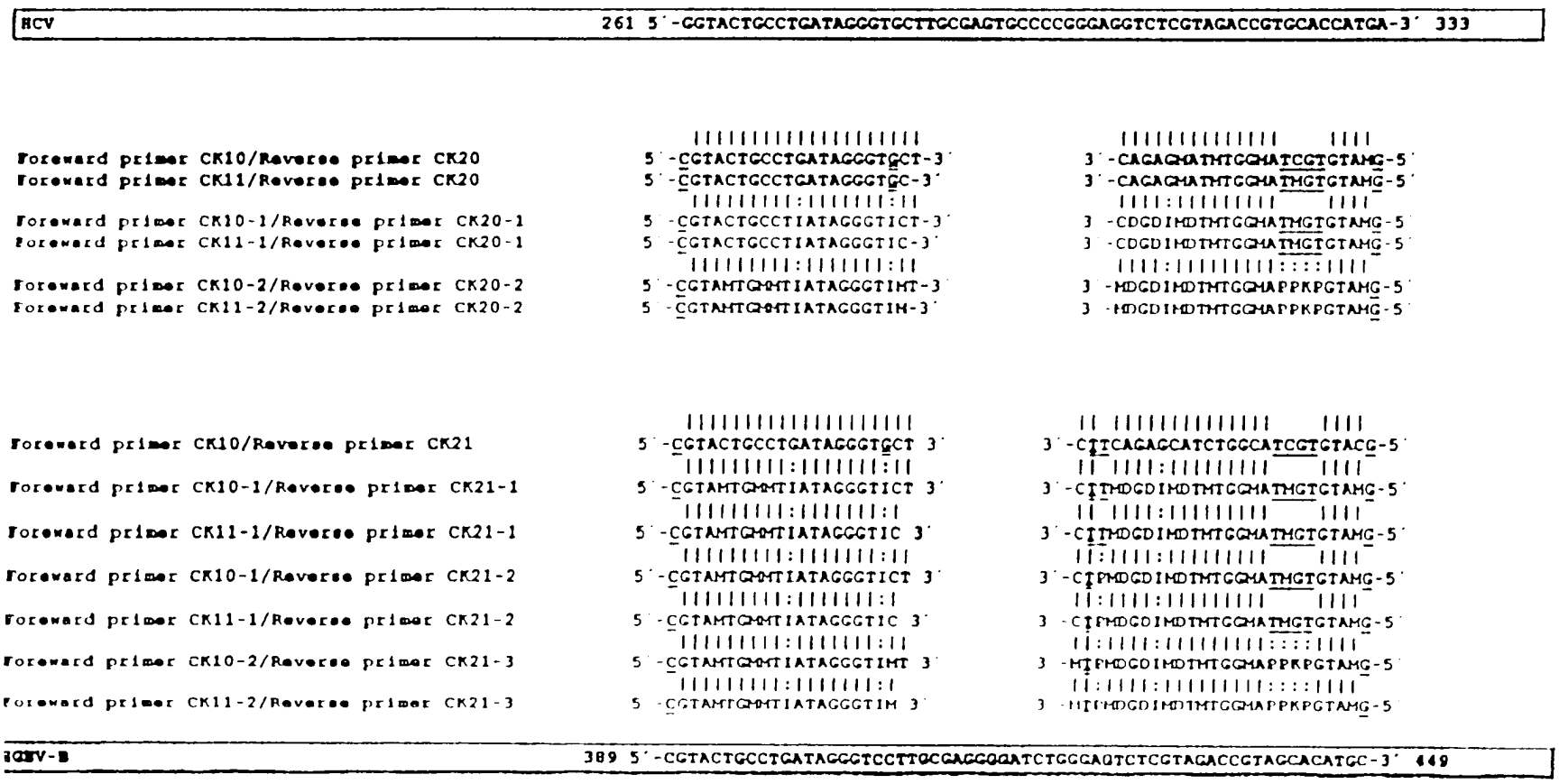


FIG 10